Index to Volume 17:1991

Author Index

Ansell, R.O. 36
Aquavella, James V. 241
Arentsen, Juan J. 120, 173
Atwood, James D. 231
Au, Yue-Kong 256
Beekhuis, W.H. 27
Bergamini, Michael V.W. 165
Black, Donald 31
Boghani, Shobha 155
Bouchard, Charles S. 104, 141
Brandt, James D. 136
Brennan, Noel A. 114, 169
Brenner, Michael B. 252
Brown, Reay H. 135
Buckley, Roger J. 129
Caldwell, Larry J. 165
Cambre, Karl 31
Cantor, Louis B. 134
Carney, Leo G. 52
Caroline, Patrick 41
Cavanagh, H. Dwight 104
Cedrone, Claudio 126
Cerulli, Luciano 126
Cohen, Elisabeth J. 7, 78, 120, 150, 155, 173
Cyrlin, Marshall N. 138
Davis, Larry J. 191
DeGuzman, Nenita 31
DePaolis, Michael D. 241
Desai, Dina 109
Donshik, Peter C. 8, 65
Doren, Gregory S. 120
Dresner, Mark S. 191
Eagle, Ralph C. 120
Efron, Nathan 114, 169
Eggink, F.A.G.J. 27
Ehlers, W.H. 65
Elgebaly, S.A. 65
Elston, Robert 31
Erdey, Richard A. 241
Faber, J.A.J. 187
Farris, R. Linsy 207, 230
Fatt, Irving 267
Fishman, J.B. 65
Franklin, Valerie 244
Gambacorta-Hoffman, Silvia 249
Garbus, Carl 88
Garbus, Jenny J. 88
Garland, Marvin A. 10
Gilhotra, Sujata 31
Golding, Timothy R. 114
Gonzalez, Ceinina 173
Gradus, M. Stephen 252
Gresh, William J. 165
Groemminger, Suzanne F. 249
Gussler, Joseph R. 160
Harris, Michael G. 169
Heiler, David J. 249
Helton, Danny O. 59
Higgins, Stephen E. 120
Horne, Abigail 244
Hu, Joan C. 165
Huff, Joseph W. 177, 181
Jiries, Samir I. 165
John, Thomas 109
Jonasse, Matthew S. 249
Jones, Lyndon 244
Jones-Marioneaux, Stephanie 155
Karcioglu, Zeynel A. 87
Katz, L. Jay 132
Kazokoglu, Haluk 69
Knick, Paul D. 177
Kumar, Prem 31
Laibson, Peter R. 120, 173
Leahy, Charles D. 44
Leavitt, Kent G. 173
Lee, David A. 62
Lembach, Richard G. 52
Lemp, Michael A. 141, 258
Lin, Susan T. 44
Lindahl, Kenneth J. 241
Litteral, Gilbert 160
Lustine, Todd 104
Mackman, Gary S. 252
Macy, Jonathan 41
Maguen, Ezra 41
Mandell, Robert B. 44
Martinez, Marvin 41
Mathers, William D. 258
McCarey, Bernard E. 216
McDonnell, Peter J. 88
McMahon, Timothy T. 198
Missiroli, Alberto 126
Moodaley, Lali 129
Nesburn, Anthony B. 41
Newell, James O. 44
Orkan, Ahmet L. 69
Parks, Ross A. 216
Pocobelli, Augusto 126
Polse, Kenneth A. 96
Putz, Jamie L. 198
Raad, Mouna K. 165
Rabinowitz, Yaron S. 88
Rae, Steven T. 181
Reynolds, Mark 256
Ricci, Federico 126
Rivera, Reuben K. 96
Robin, Jeffrey B. 198
Ros, F.E. 187
Rosenwasser, George O.D. 205
Rosner, Irvin R. 41
Sahm, Daniel 109
Sassani, Joseph W. 205
Scarpulla, Kathleen M. 198
Schoevaart, C.E. 27
Schwartz, Steven D. 62
Shih, Katherine L. 165
Snyder, Robert W. 252
Sousa, Francis J. 282
Stevenson, R.W.W. 36
Taga, Yavuz 69
Temel, Ahmet 69
Temnycky, George O. 241
Tighe, Brian 244
Tijl, J.W. 187
Udell, Ira J. 120
van Rij, G. 27
VanMeter, Woodford S. 10, 160
Vreugdenhil, W. 27
Waisberg, Yehuda 79
Watson, Laura S. 59
Weissman, Barry A. 62, 169
Wiley, Lee 252
Williams, W. 65
Woodward, Edwin G. 129
Yee, Richard W. 252

Subject Index

Acanthamoeba
Adherence of *Acanthamoeba castellanii* to new daily wear, extended wear, and disposable soft CLs, 109
Management of CL associated *Acanthamoeba* keratitis, 120
Microbial keratitis associated with plano tinted CLs, 252

Allergy
Allergic rhinoconjunctivitis and CL intolerance, 31

Bandage contact lenses (see Therapeutic contact lenses)

Bendazac lysine
Bendazac lysine to limit protein deposition, 126

Beta blockers
Medical management of glaucoma, 132

Bifocal contact lenses (see Multifocal contact lenses)

Biocompatibility
Hydrogel keratophakia: Long-term morphology in the monkey model, 216

Books reviewed
Ocular Histopathology: A Guide to Differential Diagnosis, 87
Pediatric Ophthalmology, 154

Carbonic anhydrase inhibitors
Medical management of glaucoma, 132

Chlorhexidine gluconate
Disinfecting activities of non-peroxide disinfection solutions, 165

Collagen shields
Bandage lenses: Collagen shield vs hydrogel lens, 187
Tight lens syndrome with a collagen lens, 141

Compliance
Bioavailability and therapeutic effectiveness of prednisolone acetate vs. prednisolone sodium phosphate: A 20-year review, 282

Conjunctiva
Neutrophil chemotactic factors from conjunctival epithelial cells, 65

Contact lens disinfection
Disinfecting activities of non-peroxide disinfection solutions, 165

Contact lenses (CLs)
Adherence of *Acanthamoeba castellanii* to new daily wear, extended wear, and disposable soft CLs, 109
Allergic rhinoconjunctivitis and CL intolerance, 31
Applications of hydrophilic disposable CLs as therapeutic bandages, 241
Bendazac lysine to limit protein deposition, 126
CL selection for keratoconus using a computer-assisted videophotokeratoscope, 88
CL wear and tear immunoglobulins, 69
CL wear in giant papillary conjunctivitis, 104
CLs after corneal lacerations, 155
CLs following keratoplasty, 27
Concentric distribution of protein on patient-worn hydrogel lenses, 249
Corneal response to different oxygen levels during extended wear, 96
Corneal ulcers associated with CLs, 173
Dehydration rates determined by thermogravimetric analysis, 59
Disinfecting activities of non-peroxide disinfection solutions, 165
Early deposition trends on group I (polymacon and tetrafilcon A) and group III (bufilcon A) materials, 244
Effect of soft lens lubricants on symptoms and lens dehydration, 114
Effects of temperature and conditioning on wetting angles, 177
Goldmann tonometry and fluorescein solution: A way to avoid CL staining, 256
Management of CL associated *Acanthamoeba* keratitis, 120
Management of keratoconus: Comparative visual assessments, 52
Microbial keratitis associated with plano tinted CLs, 252
Observations of tear film break up on model eyes, 267
Oxygen transmissibility of disposable hydrogel CLs, 62
Oxygen transmissibility of powered CLs, 169
Polarographic oxygen measurements across gas permeable CLs, 36
Protein accumulation on disposable extended wear lenses, 44
Saturn II lenses in keratoconus, 41
Silicone elastomer lens adhesion, 181
Surgery to improve CL wear in keratoconus, 129
Tangent Streak trifocal CL, 160
Tight lens syndrome with a collagen lens, 141

Contact Lens Association of Ophthalmologists (CLAO)
CLAO: Poised for the future, 231
Edmund J. Perret, II, 1945-1991, 230

Contact lens deposits
Concentric distribution of protein on patient-worn hydrogel lenses, 249
Early deposition trends on group I (polymacon and tetrafilcon A) and group III (Bufilcon A) materials, 244

Contact lens intolerance
Allergic rhinoconjunctivitis and CL intolerance, 31

Contrast sensitivity
Management of keratoconus: Comparative visual assessments, 52

Corneal edema
Corneal response to different oxygen levels during extended wear, 96

Corneal lacerations
CLs after corneal lacerations, 155

Corneal topography
CL selection for keratoconus using a computer-assisted videophotokeratoscope, 88
Corneal response to different oxygen levels during extended wear, 96
EH-270 corneal topographer vs keratometry, 191
Topography found in keratoconus, 198

Corneal ulcers
Corneal ulcers associated with CLs, 173

Corneal mapping
EH-270 corneal topographer vs keratometry, 191

Cromolyn sodium
CL wear in giant papillary conjunctivitis, 104

Daily wear
Corneal ulcers associated with CLs, 173

Dipivefrin
Medical management of glaucoma, 132

Disposable contact lenses
Applications of hydrophilic disposable CLs as therapeutic bandages, 241
Corneal ulcers associated with CLs, 173
Oxygen transmissibility of disposable hydrogel CLs, 62
Protein accumulation on disposable extended wear lenses, 44

Dry eye
Effect of soft lens lubricants on symptoms and lens dehydration, 114
Staged therapy for the dry eye, 207

Edge effect
Polarographic oxygen measurements across gas permeable CLs, 36

Editorials
CLAO: Poised for the future, 231
1991, 78
Resource-based relative value scale study, 7
Science, medicine, and politics, 150
Welcome to the 1991 CLAO Annual Meeting, 8

Epikeratoplasty (see keratoplasty)

Epithelium
Renewal of the corneal epithelium, 258

Extended wear
Corneal ulcers associated with CLs, 173
Protein accumulation on disposable extended wear lenses, 44

Eye-pressing
Keratoconus in a patient with somnambulism and eye pressing, 79

Filtering surgery
Medical management of glaucoma, 132

Fluorescein
CL selection for keratoconus using a computer-assisted videophotokeratoscope, 88
Goldmann tonometry and fluorescein solution: A way to avoid CL staining, 256

Fungus
Fungal CL infiltration simulating crystalline deposits, 205

Giant papillary conjunctivitis (GPC)
CL wear in giant papillary conjunctivitis, 104

Glaucoma
Medical management of glaucoma, 132

Hydrogel contact lenses (see Soft contact lenses)

Hydrogel keratophakia
Hydrogel keratophakia: Long-term morphology in the monkey model

Immunoglobulins, tear
CL wear and tear immunoglobulins, 69

Keratectomy
Surgery to improve CL wear in keratoconus, 129

Keratoconjunctivitis sicca
Staged therapy for the dry eye, 207

Keratoconus
CL selection for keratoconus using a computer-assisted videophotokeratoscope, 88
Keratoconus in a patient with somnambulism and eye pressing, 79
Management of keratoconus: Comparative visual assessments, 52
Saturn II lenses in keratoconus, 41
Surgery to improve CL wear in keratoconus, 129
Topography found in keratoconus, 198

Keratometry
EH-270 corneal topographer vs keratometry, 191

Keratoplasty
CLs following keratoplasty, 27
Management of keratoconus: Comparative visual assessments, 52

Laser trabeculoplasty
Medical management of glaucoma, 132

Lens adhesion
Silicone elastomer lens adhesion, 181
Corneal response to different oxygen levels during extended wear, 96

Lens dehydration
Effect of soft lens lubricants on symptoms and lens dehydration, 114

Lens deposits
Bendazac lysine to limit protein deposition, 126
Fungal CL infiltration simulating crystalline deposits, 205
Protein accumulation on disposable extended wear lenses, 44

Letters to the editor
Keratoconus in a patient with somnambulism and eye-pressing, 79
RGP lens modification, 10

Lysozyme
Bendazac lysine to limit protein deposition, 126

Microbial keratitis
Management of CL associated *Acanthamoeba* keratitis, 120
Microbial keratitis associated with plano tinted CLs, 252

Microcysts
Corneal response to different oxygen levels during extended wear, 96

Multifocal contact lenses
Tangent Streak trifocal CL, 160

Neutrophil chemotactic factors
Neutrophil chemotactic factors from conjunctival epithelial cells, 65

Oxygen permeability/transmissibility
Corneal response to different oxygen levels during extended wear, 96
Oxygen transmissibility of disposable hydrogel CLs, 62
Oxygen transmissibility of powered CLs, 169
Polarographic oxygen measurements across gas permeable CLs, 36

Penetrating keratoplasty (see Keratoplasty)

Perret, Edmund J.
Edmund J. Perret, II 1945-1991, 230

Pilocarpine
Medical management of glaucoma, 132

PMMA contact lenses
CL wear and tear immunoglobulins, 69

Polarography
Polarographic oxygen measurements across gas permeable CLs, 36

Polyaminopropyl biguanide
Disinfecting activities of non-peroxide disinfection solutions, 165

Polymegethism
Corneal response to different oxygen levels during extended wear, 96

Polyquaternium-1
Disinfecting activities of non-peroxide disinfection solutions, 165

Prednisolone
Bioavailability and therapeutic effectiveness of prednisolone acetate vs. prednisolone sodium phosphate: A 20-year review, 282

Presbyopia
Tangent Streak trifocal CL, 160

Proud nebula
Surgery to improve CL wear in keratoconus, 129

Pseudomonas
Microbial keratitis associated with plano tinted CLs, 252

Rewetting solutions
Effect of soft lens lubricants on symptoms and lens dehydration, 114

RGP contact lenses
CL wear and tear immunoglobulins, 69
CLs following keratoplasty, 27
Effects of temperature and conditioning on wetting angles, 177
RGP lens modification, 10

Rhinoconjunctivitis
Allergic rhinoconjunctivitis and CL intolerance, 31

Silicon elastomer
Silicone elastomer lens adhesion, 181

Soft contact lenses
Dehydration rates determined by thermogravimetric analysis, 59
CL wear and tear immunoglobulins, 69
Effect of soft lens lubricants on symptoms and lens dehydration, 114
Concentric distribution of protein on patient-worn hydrogel lenses, 249

Somnambulism
Keratoconus in a patient with somnambulism and eye pressing, 79

Steroids
Bioavailability and therapeutic effectiveness of prednisolone acetate vs. prednisolone sodium phosphate: A 20-year review, 282

Tear film
CL wear and tear immunoglobulins, 69
Observations of tear film break up on model eyes, 267
Protein accumulation on disposable extended wear lenses, 44

Therapeutic contact lenses
Applications of hydrophilic disposable CLs as therapeutic bandages, 241
Bandage lenses: Collagen shield vs hydrogel lens, 187
CLs following keratoplasty, 27

Thermogravimetric analysis
Dehydration rates determined by thermogravimetric analysis, 59

Tight lens syndrome
Tight lens syndrome with a collagen lens, 141

Tonometry
Goldmann tonometry and fluorescein solution: A way to avoid CL staining, 256

Trifocal contact lenses (see Multifocal contact lenses)

Visual acuity
Management of keratoconus: Comparative visual assessments, 52

Wetting angle
Effects of temperature and conditioning on wetting angles, 177

Vortex keratopathy
Renewal of the corneal epithelium, 258

Wetting angle
Observations of tear film break up on model eyes, 267

Index to Advertisers

CIBA VISION 231
CIBA VISION 235
CIBA VISION 237
CIBA VISION 239
CLAO HOME STUDY COURSE ..... Cover 3
EAGLE VISION 235
METRO OPTICS ..... Cover 2
PARAGON OPTICAL ..... Cover 4
SBH CORPORATION 226, 227
SBH CORPORATION 240
US AIR FORCE 235
VISTAKON 229
VISTAKON 232, 233